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PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: MEDIA INVENTORY INFORMATION PRESENTATION SYSTEM, MANAGEMENT DEVICE, AND TERMINAL
DEVICE

LIBRARY LIST INFORMATION FOR USER ID=XXXX							
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CONTENT ID	RENTAL INFORMATION	OPEN/ PRIVATE	GENRE	TITLE	TITLE IMAGE	RELATED INFORMATION	DATE/TIME OF ENTERING
1	0	PRIVATE	DRAMA	TITLE A		...	2002/4/1 10:00
13	1	OPEN	MOVIE	TITLE B		...	2002/6/1 22:00
...

(57) Abstract: An information presentation system simplifies entry of information relating to a package media of a user, and management of the information. The information presentation system is made up of a playback apparatus, a library information management apparatus, and a terminal apparatus. The playback apparatus reads an identifier identifying a content from a portable recording medium in which the content is recorded, and transmits the read identifier to the library information management apparatus via a network. The library information management apparatus receives the identifier, acquires attribute information showing attributes of the content identified by the identifier, generates library information including the attribute information and the identifier, and stores presentation information based on the library information, and transmits the presentation information. The user accesses the presentation information using the terminal apparatus.

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FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/008085

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F17/30 G06F17/60 G11B27/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ANONYMOUS: "CATVids version 5" WWW.FNPRG.COM, 'Online! 2 April 2003 (2003-04-02), pages 1-8, XP002298249 Retrieved from the Internet: URL: http://web.archive.org/web/20030402004010/www.fnprg.com/catvids/catvids.html > 'retrieved on 2004-09-22!	1-9, 12, 17-20, 22-24, 28-31
Y	Sections: "Overview", "Features", and "New Features in CATVids v5" (incl. snapshots of main and "Contents data/Explore" windows) - the latter section available at the end of section "Version History". ----- -/--	10, 11, 13-16, 21, 25-27

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

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04/01/2005

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Laurentowski, A

INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 2002/059120 A1 (MILTON JAMES K) 16 May 2002 (2002-05-16)</p> <p>abstract; figures 1-3,5 paragraph '0005! paragraph '0021! - paragraph '0024! paragraph '0034! - paragraph '0036! paragraph '0041! - paragraph '0047! paragraph '0065! - paragraph '0074!</p>	<p>1-8,12, 17-20, 22,23, 28-31</p>
X	<p>ANONYMOUS: "VideoList" WWW.WAKEFIELDISOFT.COM, 'Online! 11 April 2003 (2003-04-11), pages 1-6, XP002311285 Retrieved from the Internet: URL:http://web.archive.org/web/20030411213 107/http://www.wakefieldsoft.com/videolist > 'retrieved on 2004-12-09! the whole document</p>	<p>1-9,12, 17-20, 22-24, 28-31</p>
X	<p>EP 1 079 387 A (MATSUSHITA ELECTRIC IND CO LTD) 28 February 2001 (2001-02-28)</p> <p>abstract; figure 1 paragraph '0001! - paragraph '0027!</p>	<p>1-8,12, 17-20, 29-31</p>
X	<p>US 5 979 757 A (MURRAH JUDITH ET AL) 9 November 1999 (1999-11-09)</p>	<p>1-9, 12-16, 20-22</p>
Y	<p>abstract; figures 1-3</p> <p>column 1, line 22 - line 36 column 3, line 31 - column 4, line 8 column 4, line 39 - line 42 column 7, line 62 - column 8, line 16 column 9, line 6 - line 11 column 12, line 45 - line 50 column 14, line 3 - line 53</p>	<p>13-16, 25-27</p>
X	<p>ASTHANA A ET AL: "A small domain communications system for personalized shopping assistance" IEEE INTERNATIONAL CONFERENCE ON PERSONAL WIRELESS COMMUNICATIONS, 1994, BANGALORE, INDIA 18-19 AUG. 1994, NEW YORK, NY, USA, IEEE, 18 August 1994 (1994-08-18), pages 199-203, XP010211467 ISBN: 0-7803-1996-6</p>	<p>1-9, 12-16, 20-22</p>
Y	<p>the whole document</p>	<p>21</p>

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/008085

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 065 006 A (MOBINI AMIR M ET AL) 16 May 2000 (2000-05-16) abstract; figures 2,3 column 7, line 16 - line 30 column 7, line 63 - column 9, line 4 -----	10,11
A	EP 0 872 835 A (SONY ELECTRONICS INC) 21 October 1998 (1998-10-21) column 1, line 19 - line 27 -----	10,11

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/008085

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9, 12, 17-20, 22-24, 28-31

The first group of claims appears to describe a system comprising devices for storing identifiers and additional information (attributes) of objects used by a user, and for generating and presenting information about said objects, basing on the said object identifiers. Multiple independent claims present in this group seem to describe various embodiments of the same alleged invention.

The problem to be solved by the subject matter of these claims seems to be how to provide means for storing, presenting and searching information about a collection of products used or purchased by a user (in particular movies or other multimedia contents items), said means being convenient in usage.

2. claims: 10,11

The second group of claims appears to describe a device comprising a media contents playback unit, enabled to read a contents item's identifier while playing back the media from a recording medium storing the media contents item, and to store the said identifier as an identifier of an object used by a user.

The problem to be solved by the subject matter of these claims seems to be how to provide a device for automatic immediate acquisition of multimedia contents identifiers (e.g. movie identifiers), guaranteeing that only the identifiers of contents items which the user has actually started using (playing) are stored.

3. claims: 13-16, 25-27

The third group of claims appears to describe a device comprising a reading unit, enabled to read identifiers of objects used by a user from a medium attached to the object (said medium being for example an RFID tag or a two-dimensional code).

The problem to be solved by the subject matter of these claims seems to be how to provide a device for automatic acquisition of identifiers of physical products, without having to input any data manually.

4. claim: 21

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

The fourth group of claims appears to describe a device storing position information and advertisement information, enabled to acquire the current position of a portable user terminal and to generate appropriate advertisement information on that basis for presentation to the user. The problem to be solved by the subject matter of these claims seems to be how to provide a device for generating customised advertisement information for users of mobile portable data retrieval equipment, to achieve that the advertisement information is relevant to the current geographical position of the user and its portable equipment.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/008085

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002059120	A1	16-05-2002	WO 02057890 A2	25-07-2002
EP 1079387	A	28-02-2001	EP 1079387 A2	28-02-2001
			JP 3577454 B2	13-10-2004
			JP 2001103402 A	13-04-2001
			US 2004236778 A1	25-11-2004
US 5979757	A	09-11-1999	US 5825002 A	20-10-1998
			US 6550672 B1	22-04-2003
			US 6199753 B1	13-03-2001
			US 6330244 B1	11-12-2001
			US 5979753 A	09-11-1999
			US 6367694 B1	09-04-2002
			US 2002050526 A1	02-05-2002
			US 6084528 A	04-07-2000
			US 2002034168 A1	21-03-2002
US 6065006	A	16-05-2000	US 6356914 B1	12-03-2002
EP 0872835	A	21-10-1998	US 5867457 A	02-02-1999
			EP 0872835 A2	21-10-1998
			JP 10326478 A	08-12-1998